

member comprising a first tube; a second tube in said first tube, extending into said nose and defining a first passageway between said first and second tubes; a second passageway in said second tube; an elastic annulus having marginal edge portions, said annulus circumscribing said first tube adjacent said nose, said annulus connected along its marginal terminal portions to form an inflatable balloon; apertures in said first tube connecting said first passageway underlying said annulus and providing fluid communication between said first passageway and said annulus; a trocar disposed in said second passageway, said trocar including a terminal end having a vessel piercing tip thereon; and an aperture in said nose dimensioned to embrace said trocar and permit entrance and egress of said tip of said trocar.

2. An intravascular occluding catheter in accordance with claim 1 wherein said nose is integral and forms part of said first tube.

3. An intravascular occluding catheter in accordance with claim 2 including a circumferential recess in the exterior of said first tube for receiving said annulus.

4. An intravascular occluding catheter in accordance with claim 3 wherein said nose is substantially bullet shaped.

5. An intravascular occluding catheter in accordance with claim 3 wherein said nose includes an axially offset wall.

6. An intravascular occluding catheter in accordance with claim 3 wherein said aperture in said nose is axially offset, and said nose includes an offset tapered wall, said wall of said nose merging towards said offset aperture and terminating therewith.

7. An intravascular occluding catheter in accordance with claim 1 including a flexible sheath circumscribing said tubes and forming a housing therefore.

8. An intravascular occluding catheter in accordance with claim 7 wherein said sheath terminates in a radially and circumferentially extending end wall, a circumferentially extending second wall on said nose axially spaced from said first wall to define a recess therebetween for receipt of said annulus therein.

9. An intravascular occluding catheter in accordance with claim 7 wherein the axis of said second tube is displaced radially from the axis of said first tube.

10. An intravascular occluding catheter in accordance with claim 9 wherein said aperture in said nose is aligned with the passageway of said second tube, and said nose includes a tapered wall which terminates at said aperture.

11. An intravascular occluding catheter in accordance with claim 1 wherein the axis of said first tube is

offset from the axis of said second tube, and including a flexible sheath circumscribing said tubes.

12. An intravascular occluding catheter in accordance with claim 11 wherein said nose extends over said first and second tubes and is coextensive with said sheath.

13. An intravascular occluding catheter in accordance with claim 12 including a circumferentially extending recess in said sheath for housing said annulus.

14. An intravascular occluding catheter in accordance with claim 1 wherein said tip includes a point, and a concave cutting edge extending rearwardly of said point and merging into the sidewall of said nose.

15. An intravascular occluding catheter in accordance with claim 14 wherein said cutting edge extends onto the surface of said nose.

16. A method of intravascular occlusion utilizing a catheter, said catheter comprising a flexible tubular member having a tapered nose at one terminal end of said member, said tubular member comprising a first tube; a second tube in said first tube, extending into said nose and defining between said first and second tubes a first passageway; a second passageway in said second tube, an elastic annulus having marginal edge portions, said annulus circumscribing said first tube adjacent said nose, said annulus connected along its marginal terminal portions to form an inflatable balloon; apertures in said first tube connecting said first passageway underlying said annulus and providing fluid communication between said first passageway and said annulus; a trocar disposed in said second passageway, said trocar including a terminal end having a vessel piercing tip thereon; and an aperture in said nose dimensioned to embrace said trocar and permit entrance and egress of said tip of said trocar; comprising the steps of: piercing the vessel wall with the tip of said trocar extending beyond said aperture in said nose, inserting said catheter into said vessel through the hole thus pierced and beyond the elastic annulus circumscribing the first tube, and inflating said balloon; and thereafter withdrawing said trocar from said second tube.

17. A method of intravascular occlusion in accordance with claim 16, including the step of applying medication internally of said vessel through said second tube.

18. A method of intravascular occlusion in accordance with claim 16, including the step of withdrawing fluid from said vessel through said second passageway.

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